

1955

RECORD

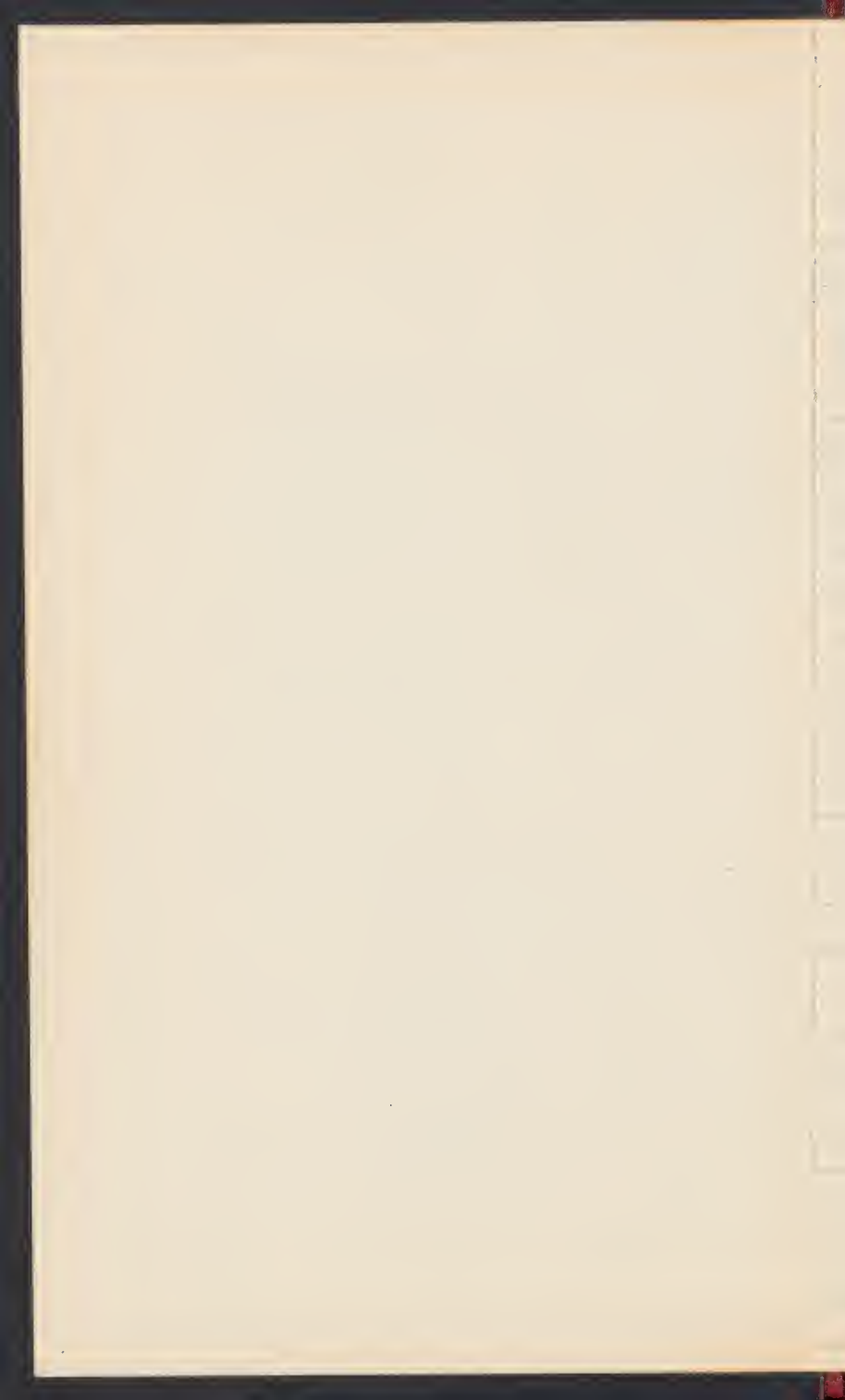
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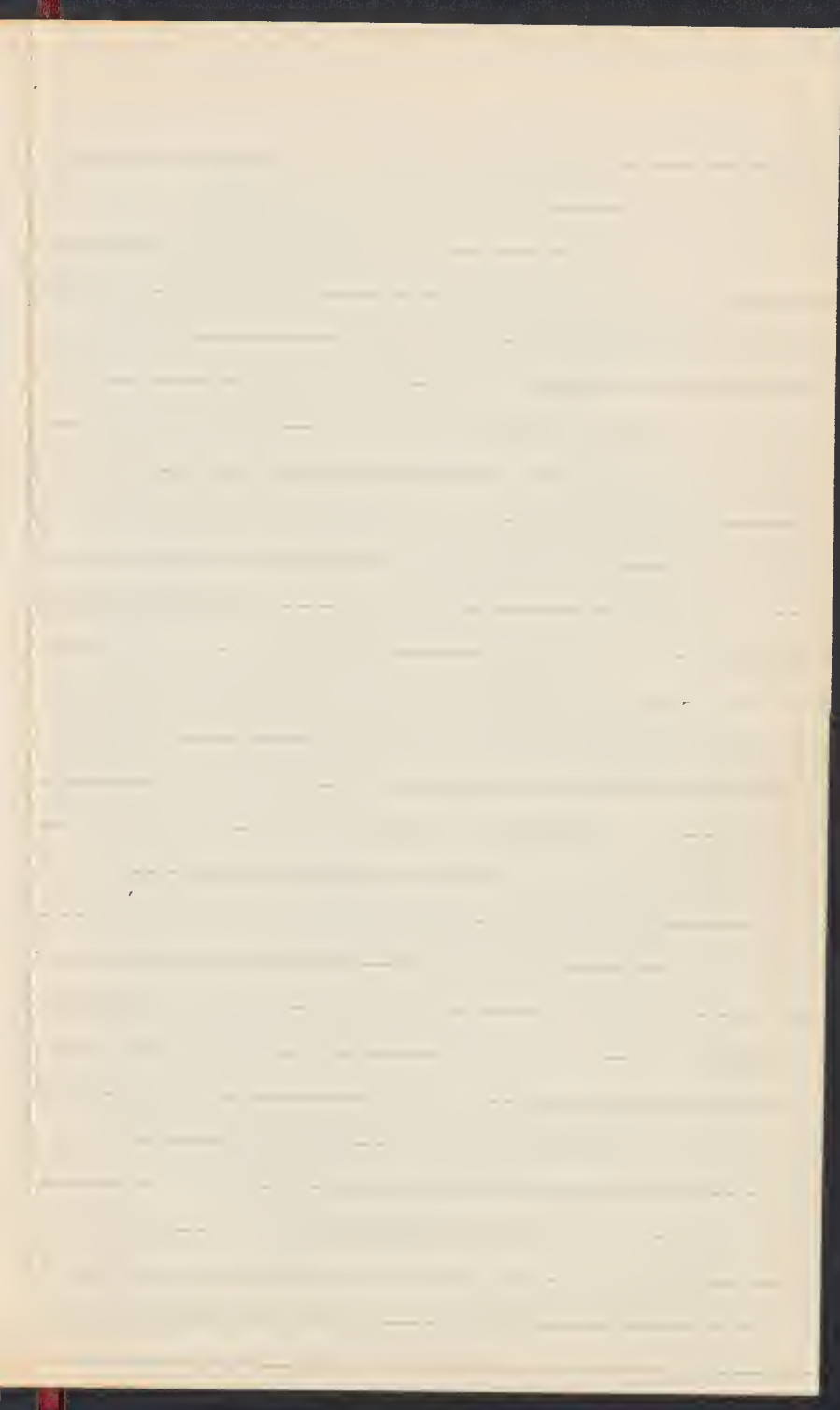
Reed C. Rollins

22 Divinity Ave.

Cambridge 38, Mass.

②
145





Tennessee

5501 *Sibara virginica* (L.) Rollins (6)
mount field near Smiths Creek

1 mile west of Liberty, DeKalb County
April 1, 1951

5502 *Leavenworthia uniflora* (Widex) Britt. (8)
(pasture) - fls. white with magenta
of magenta, petals entire, sepals erect
1 mile west of Milton, Rutherford County
April 1
no other *Leavenworthia* seen.
L. uniflora very abundant at location of 5503

5503 *Draba brachycarpa* Nutt. (4)
open pasture, cedar glade, thin soil
2 miles west of Milton, Rutherford County.
L. uniflora very abundant

5504 *Claytonia virginica* L.
Fls. magenta, crown depressed & loose
(3) as 5503

Det. Vernon Bates

5505 *Leavenworthia* ~~*to ulosa*~~ *stylosa* Gray (4)
Fls. white to magenta with yellow center
sepals widely spreading ^{along} 4 miles west
of Milton, Rutherford County.

5506 *Lesquerella* ~~to~~ ^{stylosa} Gray (5)
petals white to magenta - occasional yellow -
sometimes in patches.
great quantities - 3 miles west of
Lacrosse, Rutherford Co.

5507 *Lesquerella* ^{stenensis} ~~bracteata~~, var. ~~maxima~~ (6)
petals white, yellow centers, field about
1/2 mile from Stones River, near
Walterhill, Rutherford County
April 1
Insects collected. most frequent were
middle size like *A. f. f.*

5508 *Lesquerella* ^{stenensis} ~~bracteata~~ var. ~~maxima~~ (8)
pasture and hilltop ^{near} Stones
River, 4 1/2 miles ^{west} of Walterhill
Rutherford County.

5509 *Lesquerella uniflora* (Michx.) Britt. (4)
petals white, entire; sepals erect.
pasture, near ~~Stones River~~ ^{on road to Holstonville}, 4 miles
west of Smyrna, Rutherford County
April 1, 1955

5510 *Viola tricolor* L.

Fls. white to pale lavender, annual
Field near creek, 1/2 mile west

(5)

of Smyrna on road to Nolensville
Rutherford County - April 1

det. Vernon Bates

5511

Lesquerella bicolor

(7)

limestone chip, open glade, 2 miles
east of Nolensville on Rock Spring road,
Williamson County.

April 1

5512

Heavenworthia [aurea] exigua

(8)

Fls. white, petals slightly emarginate,
sepals erect but not tightly appressed
mossy creek bank, as 5511

5513

Lesquerella bicolor

(6)

Old field near ^{Arrington} Arrington Creek, 5 1/2
miles south of Nolensville, Williamson Co.

April 1st

No evidence of hybrids - plants isolated
covering 10 acre field. Flooded during high
water.

5514 *Lesquerella densipila* (2)
Roadside and old field, near the
Harpeth River, 6 miles northwest
of College Grove, ca. 1 mile above
the junction of Ashington Creek and
the Harpeth. Williamson Co.
April 1

5515 *Lesquerella bescuirii* (3)
old field, flood plain of Mill Creek,
6 miles north of Nolensville, Davidson County
April 2
No evidence of hybridization

5516 *Lesquerella bescuirii* (4)
old field. flood plain of Mill
Creek, 4 miles north of Nolensville,
Williamson Co.
April 2
Insects & inflorescences taken

5517 *Lesquerella bescuirii* (3)
Roadside, 1 mile north of Kirkland
Williamson County.
seems pure - in small patches on road bank
April 2
this location is 1/2 mile from 5518

5518 - *Lesq. densipila* (L.) Benth. near 5517 (8)
1/2 mile N. of Kirkland, Williamson Co. April 2.
this is 1/2 mile from 5517

5519 *Lesq. densipila* (6)
open field, abundant, well up on
high land about 1 mile from creek,
3 miles southeast of Kirkland, Williamson
Co. April 2

5520 *beaenwittia [aurca] exigua* (5)
petals white to pale lavender
intermixed with 6-22
glade pasture 4 miles N. of
Kirkland, Rutherford County
April 2

5521 *beaenwittia tenuis* Gray (5)
petals white to pale lavender, about same
size & color as *beaenwittia*
as 5520

5522 *beaenwittia uniflora* (Michx.) Britt. (2)
as 5520

I can't see results of any crossing
between these three lines.

5523 *Heavenworthia stylis* Gray (6)
petals yellow - in occasional pure form
plant. open glade, 5 miles southeast of
Kirkland, Rutherford Co.
alt 24 + 25 April 2

5524 *Heavenworthia* [aurea] (4)
petals white or pale lavender
as 5523

5525 *Heavenworthia uniflora* (Michx.) Britt. (3)
alt 23

There is no real evidence of hybridization
between two plants of what otherwise appear
to be the same *uniflora* - but to color
of the flowers. If there
is an occasional cross it is with
H. aurea. The order of flowering here
is *uniflora* - way ahead - no fls present now,
H. aurea, then *H. stylis*.

Tennessee

5526

Geog. demissa

(8)

Roadside and pasture, floodplain of the
Harpeth River 1 mile north of Eagleville
Rutherford County. April 3

5527

Phacelia dubia (L.) Froeh. Trelease

Fds light to deep lavender

as 5526

(8)

Det. Lincoln Constance

N = 5 det. by
Mrs. Briggs

5528

Leavenworthia uniflora (Michx.) Britt. (12)

petals pure white, not margined.

Cedar glade, 3 mi. southeast
of Eagleville, Rutherford County, April 3
seems to be hybridizing with *L. alba*

5529

Leav. [ancea] exigua

(4)

petals off-white, side veins
as 5528

specimens in a patch, some
plants appear to be hybrids

(7)

5530 *Leav. stylosa* Gray
 petals ⁷white to light lavender, ^{emarginate} sepals
 spreading at anthesis
 rocky glade, 2 mi. south of Eagleville,
 Rutherford Co. - April 3

I can't see that *stylosa* & *tomulosa* are highly distinct
 although they grow in - glades all over the place.
 Fls. of *stylosa* are about twice the size of those of
tomulosa. Picking these up at random, the small flowers are
 invariably associated with 5-7-lobed pods.
 The distinguishing broad podded uniflora is here
 and is even more primitive in being with
 a single broad pod. I could not find it here
 although it was 1/2 mile away and
 is bound to be nearby.

5531 *Leav. tomulosa* Gray (7)
 Fls. same color as 5530 - growing in the

5532 *Leav. uniflora*
 Fls. small, white, with 5-7-lobed pods

5533 *Leav. tomulosa* Gray (3)
 W. of Unionville, 1 mile south of Unionville
 Bedford Co. April 3

~~common~~
Leav. uniflora also seen here

5534 *Leav. stylosa*
Wet bottom, 3 miles south of
Unionville, Bedford County
April 3
L. uniflora also here

5535 *Leav. exigua* (8)
petals light lavender, emarginate
shallow soil of glade, 1 mile north
of North Fork of Duck River, southeast of
Unionville Bedford County,

5536 *Leav. uniflora* (Michx.)
mixed with above
also *Leav. stylosa* here
no real evidence of hybrid zone
when crosses a few
1 plant of *Lesq. denigata* here

5537 *Lesq. denigata* (4)
Roadside, 2 miles north of North
Fork of Duck River, Bedford Co.
April 3

Lespedeza

5538 *leav. torulosa* (4)
old field, 1 mile south of Pottsville,
about 11 miles north of Hamburg,
Mauvey County. April 4th

5539 *leav. densipila* (6)
siliques globose, slight tendency toward
didymous. flood plain of the Duck
River, about 10 miles north of
Hamburg, Mauvey County.
April 4

5540 *leav. [aurea]* (4)
open glade. 2 miles east of
Hamburg, Marshall County
April 4
with 5541

5541 *leav. uniflora* (2)
as 5540
no evidence of hybridization

5542 *beav. tomlasei* Gray (7)
open glade
6 miles southeast of Moulton,
Marshall County, April 4
Tennessee

5543 *beav. stylosa*
petals white to lavender with yellow center
pasture in old glade
4 miles west of Moulton, Marshall
Co., Alabama
April 5, 1955

5544 *beav. stylosa*
petals white to light lavender
old field and pasture, 7 miles west
of Moulton, Marshall Co.,
Alabama April 5

5545 *Cardamine bulbosa* (Schreb.) B.S.P.
Fls. white, growing in company
roadside, near Moulton, Marshall
Co., Alabama April 5

Alabama

5546 *Leav. stylosa*
petals white to lavender, cedar glade,
west of Banksville,
Lawrence Co., Alabama April 5th

5547 *Lesquerella ligularis* ⁽¹³⁾
sepal. divergent at anthesis
Fls. pure yellow, siliques slightly depressed
globose, glabrous, basal leaves lyrate
pinnatifid
roadside not far from cedar
covered hill $1\frac{1}{2}$ miles east of Newburg
between Moulton and ~~Franklin~~ County, April 5th
^ Franklin

N=8

det. by Mrs. Biggs

5548 *Lesquerella ligularis* ⁽²²⁾
Fls. pure yellow, sepals spreading at
anthesis
7 miles east of Russellville,
Franklin County April 5th
N=8
det. by Mrs. Biggs

Alabama

- 5549 *Heav. stylosa*
petals white to lavender, abundant
in cedar glade 7 miles
east of Russellville,
Franklin County, Alabama
April 5
-

Louisiana

- 5550 *Corydalis micrantha* (Engelm.) Gray (8)
subsp. australis (Chapm.) S. B. Oakes
sandy banks, 4 miles west of
Mer Rouge, Morehouse Parish
April 6

Texas

- 5551 *Cardamine bulbosa* (Shreb.) B.S.P.
Fls. white, stems and leaves
below glaucous.
Wet creek bottom, 4 miles southwest
of Bethany, Panola County
April 7

5552 *phlox pilosa* L.

Fls. purple, sandy roadside,
14 ~~miles~~ ^{1/2} miles east of Henderson, Rusk
County - April 7.

(5)

Det. Vernon Bates

5553 *Hypoxis hirsuta* (L.) Cor. yellow and green

Deep sandy soil, pine woods

8 miles northeast of Palestine, Anderson
County April 7

(6)

5554 *Lesquerella gracilis* (Hook) Wats. (5)

grassy bank, 3 miles west of Taylor,
Williamson County, April 7

$n = 6$
det. Witte

5555 *Lesquerella grandiflora*

sandy soil, 6 miles north of Palestine

Boonville County, April 9th

(9)

Texas

5556 *Lesq. grandiflora* (9)
Sandy soil, $\frac{1}{2}$ mile from the entrance
south of Kulling, Kausales Co.
April 9
terminal bud as in early pubescence
flowers.

5557 *Lesq. gracilis* (Hook.) Wats (6)
Black heavy soil, roadside,
8 miles east San Marcos, Caldwell
County. April 9

5558 *Lesq. recurvata* (Engelm.) Watson (5)
Rocky hillside, 4 miles east
of San Marcos, Hays Co.
April 9

Texas

5559 *Lesquerella longimanis*
Rocky ridge, Devils Head
14 miles west of San Marcos, Comal
County, April 9

5560 *Lesquerella densiflora* (Gray) Wats. (10)
Sandy soil near the Guadalupe River,
just west of Hochheim, between Hongales
and Cuero, Devitt County.
April 10

N = 7 det by Mrs. Bigg

n = 7 det Witte

5561 *Lesquerella grandiflora* (Hook.) Wats. (7)
Sandy soil, abundant, 4 miles
north of Cuero, Devitt County,
April 16th

n = 9
Witte

Texas

- 5562 *Lesq. Lindheimeri* (Gray) Wats. (3)
 Silique round to slightly elongated, heavy
 black soil, 1 mile east of Tivoli,
 Refugio County,
 April 11

$n=6$
 Witte

- 5563 *Lesq. Lindheimeri* (Gray) Wats.
 heavy clay soil, 3 miles northwest of
 Tivoli, Refugio County. April 11
 sepals spreading, has a very shallow
 furrow, limb short, unguiculate

$n=6$
 Witte

- 5564 *Lesq. argyrea* (Gray) Wats. (6)
 sepals spreading at anthesis, styles
 very fragile, sandy bank at roadside,
 9 miles northwest of Tivoli, Refugio Co.,
 very sterile, fruit like *Lesq. Lindheimeri*, but
 shorter limb and shallowly limb

$n=15?$

Witte

5565 *Lesq. Lindheimeri*

Heavy black soil, 3 miles south of
15 mile Cabets Creek, Victoria Co.,
April 11

$n = 6$
Witte

5566 *Lesq. angustata* (Gray) Wats. (8)

perennial, sandy soil, 15 mile
Cabets Creek, south of Victoria,
Victoria County

April 11

$n = 7$
Witte

5567 *Lesq. grandiflora* (Hook.) Wats. (6)

Sandy soil, 4 miles southeast of
Flowerville, Wilson County

April 11

5568 *Lesq. ~~quadrata~~ recurva* (Wats.) Small (9)

dry grassy roadside in ~~light~~ soil,
10 miles southeast of Boerne,
Bexar County - April 11

5569 *Lesq. recurvata* (Engelm.) Wats. (4)

as 5568

5570 *Lesq. densiflora* (Gray) Wats. (6)
Sandy soil, roadside and on a rocky
knoll at the edge of
Fredericksburg, Millersville County,
April 11

5571 *Silene rigidula* Benth. polimonensis
Fls. purple, foliage whitish
rocky banks
as 5570

5572 *Arabis patularis* Gray (11)
Fls. lilac, annuals, rocky bank
17 miles north of Fredericksburg,
Blanco County, April 12

5573 *Lesq. argyrea* (7)
perennial, styles not so easily knocked
off as material farther south,
as 5572

5574 *Lesq. densiflora* (Gray) Wats. (7)
Very abundant in granite soil, 16 miles
south of Belans, Belans County,
April 12
growing with *L. grandiflora* & *L. argyrea*
 $n = 7$
det by Wille

5575 *Lesq. grandiflora* (Hook.) Wats.
as 5574
 $n = 8?$
 $9?$

5576 *Lesq. argyrea* (Gray) Wats. (3)
as 5574
definite orange tinge at base of petals
these not present in *L. grandiflora* and
L. densiflora

5577 *Lepidium virginicum* L., var. *medium* (Greene) C. L. Hitchc.
Roadside and fields, abundant
9 miles south of Belans, Belans County,
April 12

5578 *Descurainia pinnata* (Walt.) Britt.
as 5577

Texas & Oklahoma

5579 *Lesq. gracilis* (Hook.) Wats.
Roadside, 2 miles east of the
Campasas River, west of Evans,
Mills County, Texas
April 12th

5580 *Lesq. gracilis*
abundant in fields and on roadides
17 miles southwest of Paris, Delta
County April 13th
This species has been 1 mile east
of Hugo, Okl.

5581 *Lesq. ~~gracilis~~ ~~lesq.~~*
grassy roadside 6 miles east
of Hugo, Choctaw County, Oklahoma
April 13th

5582 *Lesq. ~~gracilis~~ aurea Torr.* (14)
leaves thick & fleshy
petals lemon yellow, short, very slightly
emarginate, shallow soil near Rock Creek
~~stream~~, 6 miles west of Fort Towson,
Choctaw County.
April 13th N = 22 white ←

5583 *Larg. angustifolia* Nutt.
~~*Larg. bracteifolia*~~
as 5582

5584 *Larg. gracilis* (Hook.) Wats.
as 5582

(5)

This grows nearly in singlets & sep.
and

5585 *Larg. ~~bracteifolia~~ angustifolia* Nutt.
Abundant, under dead area between
highway and railroad, 5 miles west
of Fort Towson, Choctaw County
April 13. In branching up, it was taken
here were on one trunk, plants really were not
tight, ~~and~~

5586 *Larg. gracilis*
growing in deeper soil, as 5585
plants here seemed to be more branched
than elsewhere

We have now examined in even detail and there
are at least 24. In some plants 25 and in one pl.

$n = 24!$ checked 5/27/58 there are 26.

Mississippi & Alabama

5587 *Rhododendron nudiflorum* (L.) Torrey
with b. J. Brass

- (8) Mixed woods, open hill slopes
Fls. pink to white with pink tube. ov. from
red tube and pink limb
between Fulton and Clay, Itawamba
County, Mississippi
April 16th

5588 *Viola pedata* L.

- (6) Fls. deep blue to violet, ^{several} stems several
from a thick vertically elongate rhizome
sandy bank and woodland slope,
6 miles northwest of Hamilton, Marion
County, Alabama April 16

Det. Vernon Bates
5589 *Houstonia pusilla* Schrept.

- (3) Fls. pale blue
as 5588

Det. Vernon Bates

5590 *phlox*

Fls. magenta, as 5588

5591 *Hypoxis hirsuta* (L.) Cov.

- (3) Fls. yellow, as 5588

5592 *Salvia virginica* L.

Fls cardinal red, plants glandular
as 5588

(5)

5593 *Helserium sempervirens* (L.) St. Hil.

Scrambling shrubby vine, fls yellow.
sandstone area near creek, 9 miles
northwest of Hamilton, Marion Co.,
Alabama. April 16

(6)

Det. H. Rogers

5594 *Xanthoxia simplicissima* Marshall Rame

low shrub near stream

(6)

as 5593

Det. Vernon Bates

5595 *Houstonia missillia* Schopf.

Fls deep purple

(6)

as 5593

Det. Vernon Bates

5596 *Viola primulifolia* L.

Fls. white

5597 *Oxalis violacea* L.

(3)

5597a

Fls. magenta

pale

Tradescantia
as 5597

Alabama

5598 *Leavenworthia stylosa* (4)
Fls. off white to pale purple
cedar glade, 1 mile south of
Newburg, Franklin County
April 16
with George R. Coley & L. J. Brass

5599 *Lesquerella hystera* Rollins (28)
Cedar glade, roadside and field,
7 miles east of Russellville, Franklin
County, April 16
near Richardson's Crossing $n=8$
Witte

type collection

55100 *Leavenworthia stylosa* (8)
abundant, ^{wet} cedar glade, 1 mile
south of Richardson's Crossing,
about 8 miles east of Russellville,
Franklin County,
April 16

55101 *Leavenworthia stylosa* (8)
Fls. pale purplish white with yellow
eye, abundant, wet cedar glade,
Oshell, south of Russellville,
Franklin County
April 17

Alabama

55102 *Leavenworthia styl.*
Cedar glade, 5 miles west of
Tusculum, Colbert County
April 17

55103 *Delphinium tricornu* Michx.
Fls. white to faintly purplish; corolla
elongate, fascicled.
(8) open knoll near cedar glade
as 55102

Det. Vernon Bates

55104 *Lithospermum carolinense* (Walt.) MacM.
perennial from a deep root, fls. orange
to yellowish orange, cedar glade;
(5) Red Hill, 13 miles west of Tusculum
Colbert County - April 17

Det. Vernon Bates

55105 *Oxalis dillenii* Jacq.
Fls. yellow, petals with red stripes at
(5) base, perennial from slender underground
stems as 55104

55106 *Leavenworthia styl.*
Fls. white to slightly purplish
as 55104

(6)

Tennessee

55107 *Leog. globosa* (Desv.) Wats.
Open field and cedar glade, 5 miles
west of Columbia, Maury Co.,
April 18

55108 *Leog. densipila*
abundant, as 55107

(6)

55109 *Leog. tomentosa*
as 55107

(2)

55110 *Leog. hesperii*

(6)

Field near ~~Smith~~^{mill} Creek,
3 mi. north of Nolanville, Rt. 31A
Wilkinson County
April 19

Tennessee

55111 *Lesquerella bescuinii* (6)
abundant in corn field near
Arrington Creek, 2.5 mi north
of Trine, Williamson Co.

not collected April 19 $n=8$ written
Field is at least 10 acres
pictures

55112 *Lesq. densipila* (8)
 $\frac{1}{2}$ mile north of Kirkland,
Williamson County,
April 19th
pictures
inf. notes abundant in old corn field,
3.3 mi south of 55111

55113 *Leav. torulosa* Gray (7)
cedar glade, Kirkland, Williamson
County, April 19th

Tennessee

55114 *Lesq. densipila* (8)
Field and streamside, Harpeth River,
6 miles northwest of College Grove,
Williamson County, April 19th

55115 *Lesq. densipila* x *lescurii*
old field near the Harpeth River,
just above bridge, 8 1/2 miles
northwest of College Grove, Williamson
Co. April 19.

55116 *Lesq. lescurii* (3)
Field near the Arrington Creek, 1/2
mile southeast of Arrington,
Williamson County

55117 *Lesq. lescurii* (6)
old field, just above point where
railroad crosses Arrington Creek,
Williamson Co. T., April 19th
ca. 7 miles north of College Grove

Tennessee

55118 ~~Lesq. lupinus~~ *Psoralea subacaulis* T. & G.

Fls. deep purple, ~~annual~~
abundant in open cedar glade
2 miles north of Murfreesboro,
Rutherford County.

(6)

April 20

Det. Vernon Bate

55119 *Leavenworthia stylosa*

Fls. white to pale purplish with
yellow eyes

as 55118

55120 *Plantago pusilla* Nutt.

basal leaves linear

as 55118 Det. T. & Rosette

(8)

Tennessee

55121 *beas. stylosa*
1 mile north of Murfreesboro,
April 20th

55122 *beas. denipila* (11)
open field, abundant, 4 miles
southeast of Murfreesboro,
Rutherford County, April 20th
with Hal DeSelm

55123 *beas. stylosa* (7)
Fls. white to very pale purple
open glade 1.5 miles northwest
of Radcliff, Rutherford County
April 20
with Hal DeSelm

55124 *beas. denipila* (6)
Field, near 3 West Fork of Stones
River, 1.3 miles s.w. Bethel,
Rutherford Co.
April 20 $n=8$ with
with Hal DeSelm

55125 *Lesq. Lescurii*

Roadside, 1 mile southwest of
 Middle Meade, on state route 100
 southwest of Nashville, Davidson
 County - April 21

Lesquerella densipila x *Lescurii*

This is the location of 55133

just below point where bridge of state
 route 100 crosses the Harpeth River,
 southwest of Nashville, Davidson Co.

fruits
 present

This is a pasture of about 40 acres
 and is on the flood plain of the river.
 the population is extensive and covers
 over about $\frac{3}{4}$ of the pasture. The plants occur
 in small patches not uniformly distributed.
 April 21

55127 *Lesq. densipila* x *Lescurii*

Roadside and fields on both sides
 near Harpeth River, $\frac{1}{2}$ mile southwest
 of Bellview Post Office, Davidson
 County

April 21

Tennessee

55128 *berg. densipila* x *bescuinii*
 bend of the Harpeth River, flood plain
 2 miles southeast of the junction
 of U.S. 70N and 70S. Davidson
 County
 April 21

55129 *berg. densipila* x *bescuinii*
 Flood plain of the Harpeth River
 3 miles west of the junction of U.S. 70N
 and 70S.
 April 21

55130 *berg. densipila* x *bescuinii*
 Roadside and old cornfield,
 same locations as 5326 & 53128
 2.5 miles
 April 21 10 mi east of White Bluff
 Cheatham Co.

55131 *berg. densipila* x *bescuinii*
 old cornfield, probably same as
 or near, old flood plain.
 plants much more scattered than
 previously.
 same station as 53130
 9 mi n.e. of White Bluff
 April 21 Cheatham Co.

Tennessee

55132 *Lesq. densipila* x *hirsuta*
old cornfield 1 mile below station
for 55131
April 24

55133 *Lesq. globosa* (Desv.) Wats. (4)
at the base of cliffs, near the
Cumberland River, 10 miles west of
Bordeaux, Davidson County.
April 24, 1955

55134 *Lesq. ~~densipila~~* 1 plant found ^① west of
River crossing, near old Jefferson ^{Stones}
Co. April 22

55135 *Iodanthus pinnatifidus* (Michx.) Stand. ①
near the Stones River, at bow of the
river, ca. 2 miles below Jefferson,
~~Davidson~~ ^{Rutherford} County.
with Harold Bold.

55136 *Lesq. dens. var. maxima* (8)
petals white, yellow eye petals
emarginate, field and roadside near
Stones River, ca. 2 miles below
Jefferson, Rutherford County.

with Harold Bold
1 plant found with lavender yellow petals.

Tennessee

55137 *Lesq. x maxima* (5)
Stones River in the pasture -
yard of a house, near the bridge
at Jefferson Springs, Rutherford
County April 22
with Harold Bold

55138 *Lesq. stonemissionensis* (9)
Field and stream bank, near
east Fork of the Stones River, out
of old Jefferson at point where state
highway crosses the East Fork of Stones River, Rutherford Co.
pictures

55139 *Lesq. perforata* (8)
near Spring Creek, about 5 miles
north of Lebanon, Wilson County
with Harold Bold

55140 *Lesq. stylosa* Gray (4)
pale yellow, 3 miles west of
Lebanon on U.S. 70 N., Wilson County
abundant
with Harold Bold

55141 *Lesq. perforata* (7)
fls. white, abundant in field and
along road as 55140
with Harold Bold

55142 *Lesq. densipila* X *lescurii* (3)
near the Harpeth between Nashville &
Franklin on U.S. 431, about 3 miles
north of Franklin, Williamson County,
April 23
with Elsie Grantham

55143 *Lesq. pubescens* (Desv.) Wats. (20)
perennial, abundant - open
cedar glade on deeper soil
4 miles west of Columbia, Murray
County, April 23
with Elsie Grantham

55144 *Arenaria alba* Michx.
as 55143
(4) Det. Vernon Bates

55145 *Samolus microcarpa* Andry. (3)
old field - as 55143

55146 *Lesq. densipila* (8)
~~Lesq. pubescens~~
abundant - as 55143
n = 8 with

55147 ~~Euthosperrum~~ *phacelia purshii* Buckley
~~Bray. densipila~~ *phacelia purshii*
as 55148

(5)

with ~~quaternary~~
Det. Lincoln Constance

55148 ~~Euthosperrum~~ *avenue* L.
as 55143

(5)

with ~~quaternary~~
Det. Vernon Bates

55149 *Leavenworthia torulosa* Gray (4)
wet silviculture
as 55143
with ~~quaternary~~

55155 *L. globosa*
near creek, 5 miles west of ~~the~~ L.
Many Co April 23)

at a location 7 miles west we looked
at both *globosa* and *densipila*

with Elise Quaternary

N=7 det. by Mrs. Briggs.

Tennessee

55151

Lesq. haccarii

(3)

Flood plain of the Cumberland,
3 miles west of Ashland City,
Cheatham County - April 24
~~with *S. *haccarii**~~

55152

Silene virginica (L.) Rollins

(4)

Extremely abundant in old corn field
near Montgomery-Bell Bridge across the
Harpeth River, 6 miles west of
Ashland City on State Route 49
April 24

~~with~~

55153

Rorippa sessiliflora (Nutt.) Hitchc.

(4)

as 55152

55154

Lesq. globosa

ledges and at the base of cliffs, near the
Harpeth River, as 55152

55155

Hypoxis hirsuta (L.) Coville

Bluff above Harpeth River, as 55152

(3)

Det. Vernon Bates

Tennessee

55156

Lesq. linearis

(3)

2nd co. road, flood plain of the
Cumberland River, 10 miles NW
Ashland City, Cheatham County
April 25

55157

Lesq. globosa (Desv.) Wats.

(3)

Cliff and talus, near Fox Bluff facing the
Cumberland River, 10 miles NW
Ashland City, Cheatham

55158

Aquilegia canadensis L.

Fls.

(7)

55157

Det. Vernon Bates

55159

Sherardia arvensis L.

Fls. nodate, growing in shade
3 miles northwest of Lawrence,
Davidson County,
April 25

(6)

Det. Vernon Bates

55160

Lesq. spathulata Lam.

Cedar road, 2 miles northeast
of Lawrence, Davidson Co.
April 25

(6)

Det. Vernon
Bates

55161 *Gerard. stylisa*

sample
only

as 55160

$n = 15$! checked 5/13/58

$n = 14$ [0 15] willis

Sedum pulchellum Michx.

petals white, anthers purple

(6)

Det. Vernon Bates

55163 *Arenaria glabra* Michx.

as 55160

(6)

Det. Vernon Bates

55164 *Plantago virginica* L.

as 55160 Det. T. J. Rosatti

(5)

55165 *Amsonia tabernaemontana* Walt.

var. *gatliffiana* Woodson

Fls. blue, growing in clump up to

(6)

50 stems, rocky creek bottom, 3 miles

W. of Haverque, Davidson County

April 25th

Det. Vernon Bates

55166 *Sesq.* var. *makama*

Field near Stoner River, 4 miles northeast

of Haverque, 12 miles southeast of

Nashville, Davidson County - April 25th

occasional yellowish fls. with individual

and very occasional quite yellow flowers

Tennessee

(3)

55167 *Isodanthus pinnatifidus* (Michx.) Steud.
petals white, sepals magenta to light
lavender, the with two upper petals slightly
longer than lower.
as 55166 near Stones River

55168 *Phlox bifida* Beck
Fls. purple, woolly at base, in
limestone rock 5 miles north
(9) of Laverne, Davidson County
April 25

55169 *Dodecatheon meadia* L.
petals white, deep red ^{blotches} yellow at throat
as 55168.

(6)

Det. Vernon Bates

55170 *May* *maxima*
near Stones River, flood plain,
near old town of Lenoir, 7 miles
north of Laverne, Davidson Co.
April 25

55171 *Lesq. X var maxima*
open pasture and grassy field,
near Stoner River, 11 miles east
of Nashville, ^{1 mile south of the Goodwill Pike,} Davidson Co.
April 25

yellow flowered types are quite frequent
almost $\frac{1}{3}$ of the plants in the tall grass
field were of some shade of yellow.
They fls. vary from creamy yellow to
bright yellow

55172 *Lesq. X var maxima* (8)
Flood plain of Stoner River, Davidson -
Nashville area, ca. 9 miles east
of Nashville, Davidson County, April 25
both yellowish and white flowered
types present.
got run out by the farmers.

55173 *Ranunculus pusillus* Poir.
wet pasture, near Nashville ~~airport~~ airport,
3 miles southeast of Nashville,
Davidson County, April 25th

(10)

55174 *Lesq. bicolor*

(8)

Flood plain of Stewart Creek,
1/2 mile east of Myrna,
Rutherford County. April 26

$n=8$ white

55175

(6)

Fls. uniformly white - petals with
white base - 2 y. or less flood plain
east of Myrna, near and
east of Old Jefferson, just above
the west fork of Stones River.

Rutherford County, April 26

field about 10 acres
17 plants in whole field found

with some yellow in side of petals
in early opening stage

when The yellow varied from a faint
to golden yellow, but with no orange

This population
appeared mostly to be
like one of straight *L. stonensis*.

55176 *Lesq. stonensis* ~~var. maxima~~ (12)
Fls. all white, near east fork of
Stones River, Walterhill, Rutherford
Co. - April 26

55177 *Lesq. stonensis* (6)
pasture near east fork of Stones
River, 1 mile southwest of Baccassas,
Rutherford Co. - April 26
nothing but white fls. seen
n = 8
Witte

55178 *Ranunculus sardous* Crantz
shallow soil near Buckmore Creek,
(8) 3 miles northeast of Murphreesboro,
Rutherford County, April 26
Det. Vernon Bates

55179 *Delphinium carolinianum* Walt.
Fls. white to pale lavender,
(6) as 55178

Det. Vernon Bates

55180 *Heavenworthia stylis* (4)
Fls. pale magenta
as 55178

55181 *Scutellaria parvula* Michx.
(4) fls. purple - as 55178

Tennessee

55182 *Todanthus pinnatifidus* (Michx.) Steud. (4)
Fls. white to pale lavender
as 55178

55183 leav. *tomulosa* Gray (9)
Cedar glade like area, 3 miles southwest
of Pulaski, Giles County. April 26th

Alabama

55184 *Schoenolirion croceum* (Michx.) A. Gray
[*Zygadenus*]
Fls. golden yellow, muddy soil in
Cedar glade-like area, 9 miles
east of Russellville, Franklin Co.
April 27 (5)
Det. Vernon Bates

55185 *Psoralea subcaulis* T. & G.
Fls. purple, cedar glade-like area
as 55184 (5)
Det. Vernon Bates

55186 Leav. [stylisae] *alabamica*
old field (large plants) and glade area
(small plants) as 55184

n=11 ! checked
5/26/58

(n=11 Wittig)

Alabama

55187 *Lesq. lyrata* (3)
bottom land of creek, 4 miles north
of Richardsons Crossing, ~~ca~~ 9
miles east of Russellville, Franklin
Co., April 27

55188 *Lesquerella n. sp. lyrata* (11)
Roadsides and old cotton field
Richardsons Crossing, 7 miles
east of Russellville on road
to Newburg, Franklin Co.
April 27
N = 8_{Witte}

55189 *Triodanis perfoliata* (W.) Nieuwl.
Fls. purple, near creek, 6 miles
west of Newblon, Lawrence Co.,
Alabama, April 27
Det. Vernon Bator

55190 *Dratiola neglecta* Torrey
annual, sep. white, tube of flowerish, with
longitudinal dark stripes
(8) old cotton field, near Danville,
Morgan County - April 27
Det. Vernon Bator

Alabama

55191 *Leav. uniflora* (Michx.) Britt.
as 55190

55192 *Leav. ~~stiflora~~ crassa* Rollins (8)
fls. white to very pale lavender
old field, 1 mile east of Danville,
Morgan County, April 27

L. uniflora also here but not
collected

55193 *Euphorbia macculidiana* Michx. Euphorb
wooded slope, cedar and hickory
(4) 5 miles west of Scottsboro, Jackson County
April 27
Det. Vernon Bates

55194 *Dieffenbachia tricornis* Michx.
Fls. deep blue - as 55193
(5)
Det. Vernon Bates

55195 *Sedum pulchellum* Michx.
Fls. pale pink, shallow soil on dune
(5) as 55193
Det. Vernon Bates

55196 *scab. uniflora* (midx) Britt. (2)
shallow soil on limestone rocks - as 55193

Seed packets of Leavenworthia

55297 *L. exigua*
where railroad crosses Arroyo
Creek, April 19, 1953

55298 *L. uniflora*
5 mi southeast of Murfreesboro
April 20
 $n = 15$

55299 *L. exigua*
1 mile no. Chapel Hill

55300 *L. uniflora*
cedar glade, where railroad
crosses Arroyo Creek
April 19

R. C. Rollins + C. E. Word

55797

Notes on Heavenworthia J. R. R.

1954

① H. ~~truncata~~ - petals white to slightly lavender,
emarginate; sepals spreading at anthesis; no other
species seen at this point - Harpeth river bottom, at
point where 31A crosses Harpeth southeast of Kirkland

② H. ~~uniflora~~
in typical cedar glades by itself. in woods
southeast of Cookeville, Putnam Co.

Lesq. longifolia Cory - notes on type at
S. M. U.

looks much like *L. gracilis* except it is branched
all the way up. Upper leaves are long as
name implies and narrow (up to 2 mm.)
+ richomes appear to be smaller than *L. gracilis*
and more fused.

pedicels are divaricate & straight.

siliques not quite sessile, but the gynophore
not striking as in most *gracilis*

5-3119 L. Gordonii (Gray) Wats.
8 miles east of Sweetwater,
Nolan Co.

5-3120 L. Gordonii (Gray) Wats.
Near the Salt Fork of the
Brazos River, Seymour,
Baylor County - m = 6

53112 *Z. Fenollari* (Gray) Wats.
4 miles west of Fort Stockton,
Pecos County.

53113 *Z. Fenollari*
Saul Ross State College, Alpine,
Brewster County.

53114 *Z. Fenollari*
Roadside, Daven Mts., 20 miles
south of Kent, Jeff Davis Co.
N=6

53115 *Z. Fenollari*
South end of the Guadalupe
Mts., east of Signal Peak,
U.S. Highway 80, Hudspeth Co.

53117 *Z. Fenollari*
1 mile east of Big Spring,
Howard County. m=6

53118 *Z. Gordonii* (Gray) Wats.
Roadside, 4 miles east of
Hatan, Mitchell Co.

- 5-3104 *L. argyrea* (Gray) K&L.
On slopes + in shade. Same
as 5-3103. $N=18$
- 5-3106 *L. tenuiflora*
 $\frac{1}{2}$ mile southeast of Fredericks-
burg, Gillespie Co. $n=7$
- 5-3107 *L. gracilis* var. *acutis*
13 miles west of Fredericksburg
Gillespie Co. $n=6$
- 5-3108 *L. recurvata*
Same as 5-3107
- 5-3109 *L. gracilis*
Roadside, 15 miles west of
Fredericksburg, Gillespie
Co. $n=6$
- 5-3110 *L. recurvata*?
23 miles east of Sonora,
Sutton Co. $n=5$
- 5-3111 *L. Gordonii*
Roadside, 14 miles east
of Sheffield, Crockett Co.

5373 *L. recurvata* (Engelm.) Wats.
along Cibola Creek, near Selma,
Gusdolope County.

5377 *L. recurvata* (Engelm.) Wats.
Small ravine, 1 mile northwest
of New Braunfels, Comal Co.

5387 *L. recurvata* (Engelm.) Wats.
8 miles west of New Braunfels,
Comal County. $n=5$

53100 *L. gracilis* var. *revivida*
8 miles north of Fredericksburg,
Tillamook Co. $n=6$

53101 *L. recurvata*
with 53100. $n=5$

53102 *L. gracilis* var. *revivida*
On a steeper site than 53100

53103 *L. longiflora*
Near Emancipated Rock, about
18 miles north of Fredericksburg,
Blanco County. $n=7$

- 5361 *L. argyrea* (Gray) Wats.
Near 15 Mile Coleta Creek,
south of Victoria, Victoria
County. $n=6$
- 5-362 *L. argyrea* (Gray) Wats.
2 miles northwest of the
Guadalupe River, about 4
miles northwest of Cuero,
Witt Co.
- 5-363 *L. grandiflora* (Hook.) Wats.
11 miles northwest of
Westhoff, Gonzales Co. $N=9$
- 5-364 *L. grandiflora* (Hook.) Wats.
 $\frac{1}{2}$ mile west of Stockdale,
Wilson County. $N=9$
- 5-365 *L. grandiflora* (Hook.) Wats.
3 miles west of La Vernia,
Wilson County.
- 5-366 *L. Engelmannii* (Gray) Wats.
Pebbly shores of the Cibola,
near Belton, Guadalupe
County. $n=18$

5352 *L. grandiflora* (Hook.) Wats.
1/2 mile west of Brazos River,
3 miles southeast of San Felipe,
Mutton Co. N=9

5354 *L. Lindheimeri* (Gray) Wats.
5 miles south of Victoria on Texas
State Route 404, Victoria County.

5355 *L. Lindheimeri* (Gray) Wats.
5 miles west of Green Lake,
Refugio County.

5357 *L. Lindheimeri* (Gray) Wats.
3 miles northwest of Tivoli,
Refugio County.

5359 *L. argyrea* (Gray) Wats.
2 miles southeast of Junction,
3 miles northwest of Tivoli,
Refugio County. N=12

5360 *L. Lindheimeri* (Gray) Wats.
3 miles south of 15-Mile Creek
Creek, Victoria County. n=6

Tepoz

- 5-343 *Zenaidura macroura*
Black prairie land, 3 miles
west of Terrell, Kaufman Co
N=6; 2.m=12
- 5-344 *Z. gracilis* (Hook.) Wats.
19 miles east of Dallas,
Kaufman Co. N=6
- 5-345 *Z. gracilis*
6 miles south of Dallas, Dallas Co.
- 5-346 *Z. Engelmanni* (Trag) Wats.
4 miles north of Wapahatche,
Ellis Co.
- 5-347 *Z. gracilis*
1 mile north of Wapahatche,
Ellis Co. N=6
- 5-348 *Z. gracilis* (Hook.) Wats.
3 miles southeast of Wapahatche,
Ellis Co.
- 5-349 *Z. gracilis* (Hook.) Wats.
2 miles south of Waco, Mc Lennan
Co. N=6

5-3140 *L. densipila*
Duck River, To go with 5-321

5-3141 *L. densipila* var. *maxima*
To go with 5-313

5-3142 *L. densipila* var. *maxima*
Flood plain of Stoner River,
Couchville, Dacotah Co.

5-3143 *Leavenworthia stylosa*
Glade, between Couchville and
La Verne, 12 miles southeast of
Couchville, Dacotah Co.

5-3144 *Leavenworthia torulosa*
Open glade, Kirkland, Williamson
County.

5-3145 *Descurainia perforata*
Same as 5-306

5-3146 *Leavenworthia torulosa*
Cornfield, 1 mile west of Spring
port, about 5 miles east of
La Verne, Wilson Co.

5-3133 *Lesquerella densipila* x *tescurii*
Flood plain of Harpeth River
where State Route 100 crosses,
southeast of Nashville,
Davidson Co.

5-3134 *Lesquerella tescurii*
Flood plain of South Harpeth
River, Tinton, Davidson Co.

5-3135 *Lesquerella*
Cornfield, near Harpeth River,
1 mile east of Franklin
Williamson County.

5-3136 *Lesquerella tescurii*
Same as 5-314

5-3137 *L. densipila*
Kirkland, same as 5-315

5-3138 *L. densipila*
Kirkland, Williamson County,
about 1/4 mile from 5-3137 -
open glade

5-3139 *L. densipila*
1 mi. no. Chapel Hill, to go with
5-319

5-3128

Lesquerella

Near Harpeth River bridge,
10 miles east of White Bluff,
Cheatham Co.

5-3129

Lesquerella

Near Harpeth River bridge,
8 miles east of White Bluff,
Cheatham Co.

5-3130

Lesquerella

Flood plain of Harpeth River,
9 miles northeast of White
Bluff, Cheatham County. N=8

5-3131

Lesquerella Tescurii (Gray) Wats.

above entrance of Harpeth R.,
flood plain of Cumberland
River, 3 miles west of Belland
City, Cheatham County

5-3132

Lesquerella globosa (Dew.) Wats.

Near bluffs of Cumberland
River, 9 miles west of
Bordeaux, Davidson Co. N=7

5-325 *Perquerella*

Roadside + old cornfield near
Harpeth River, 1 mile east
of Franklin, Williamson Co.
 $n=8$

5-325a *Perquerella*

as above. $n=8$

5-326 *Perquerella*

Roadside + old cornfield, near
Harpeth River, 10 miles east of
White Bluff, Cheatham Co. $n=8$

5-326a *Perquerella*

polyploid?

5-327 *Perquerella densipila* x *tesquiroi*

Roadside + field, near Harpeth
River where U.S. 76 crosses,
8 miles east of White Bluff,
Cheatham County.

5-3127 *Perquerella tesquiroi*

6 miles west of Nashville, Davidson
Co. $n=8$

- 5-316 *Leavenworthia torulosa* Gray
Open glade, 1 mile north of
Chapel Hill, Marshall Co.
- 5-317 *Leavenworthia uniflora* (Michx.) Britt.
with 5-316
- 5-318 *Leavenworthia aurea* Torr.
with 5-316
- 5-319 *Lesquerella densipila*
Same as 5-316
- 5-321 *Lesquerella densipila*
1/2 mile south of Duck River,
5 miles south of Chapel Hill,
Marshall Co. n=8
- 5-323 *Leavenworthia aurea* Torr.
old field, 6 miles north of
Culleoka, Leavenburg to Columbia,
Murray Co.
- 5-324 *Leavenworthia torulosa*
with 5-323

5-310 *Leavenworthia aurea* Torr.
cedar glade, 2 miles north of
Green Hill, 17 miles northeast
of Nashville, Wilson County

5-311 *Leavenworthia Tomlana* Gray
Same as 5-310

5-312 *Lesquerella globosa*
near Cumberland River, 8 miles
west of Bordeaux, on Tenn.
Route 12, Davidson Co. n=7

5-313 *Lesquerella densipila*
var. *maxima*
12 miles southeast of
Nashville, Davidson Co. n=8

5-314 *Lesquerella Zuccurii*
roadside, near tributary of
Harpeth River, 11 miles east
of Franklin, Williamson Co.

5-315 *Lesquerella densipila*
Kirkland, between Trane &
College Grove, Williamson
County. n=8

Tennessee

- 5-303 *Leavenworthia stylora* Gray
Thin soil of Cedar Barren,
10 miles south of Hartsville,
Wilson County.
- 5-304 *Lesquerella perforata*
near Spring Creek, 6 miles north
of Lebanon, Wilson Co. n=8
- 5-306 *Lesquerella perforata* Rollins
Pasture near Barton Creek, 1/2
mile west of Lebanon, Wilson
County. n=8
- 5-308 *Leavenworthia stylora* Gray
Shallow soil of Cedar Glade, 8
miles northwest of Lebanon,
Wilson County.
- 5-309 *Lesquerella purcurii* (Gray) S. Wats.
Thin soil of open cedar glade, 2
miles north of Green Hill, 17
miles northeast of Nashville,
Wilson County.

Spokane April 14 42147

Spokane Dallas April 14 43083

936

Date	merits	Calman	Price
22	4.35	6.00	Nashville
23	4.50	6.00	"
24	4.00	5.00	Murfreesboro
25	4.30	5.00	Keokuk
26	4.65	5.00	Jefferson, Mo.
27	4.25	5.50	Chattanooga, Tenn.
28	4.10	5.00	Charlotte, N.C.
29	4.05	5.00	Elkton, Md.
30	2.60		

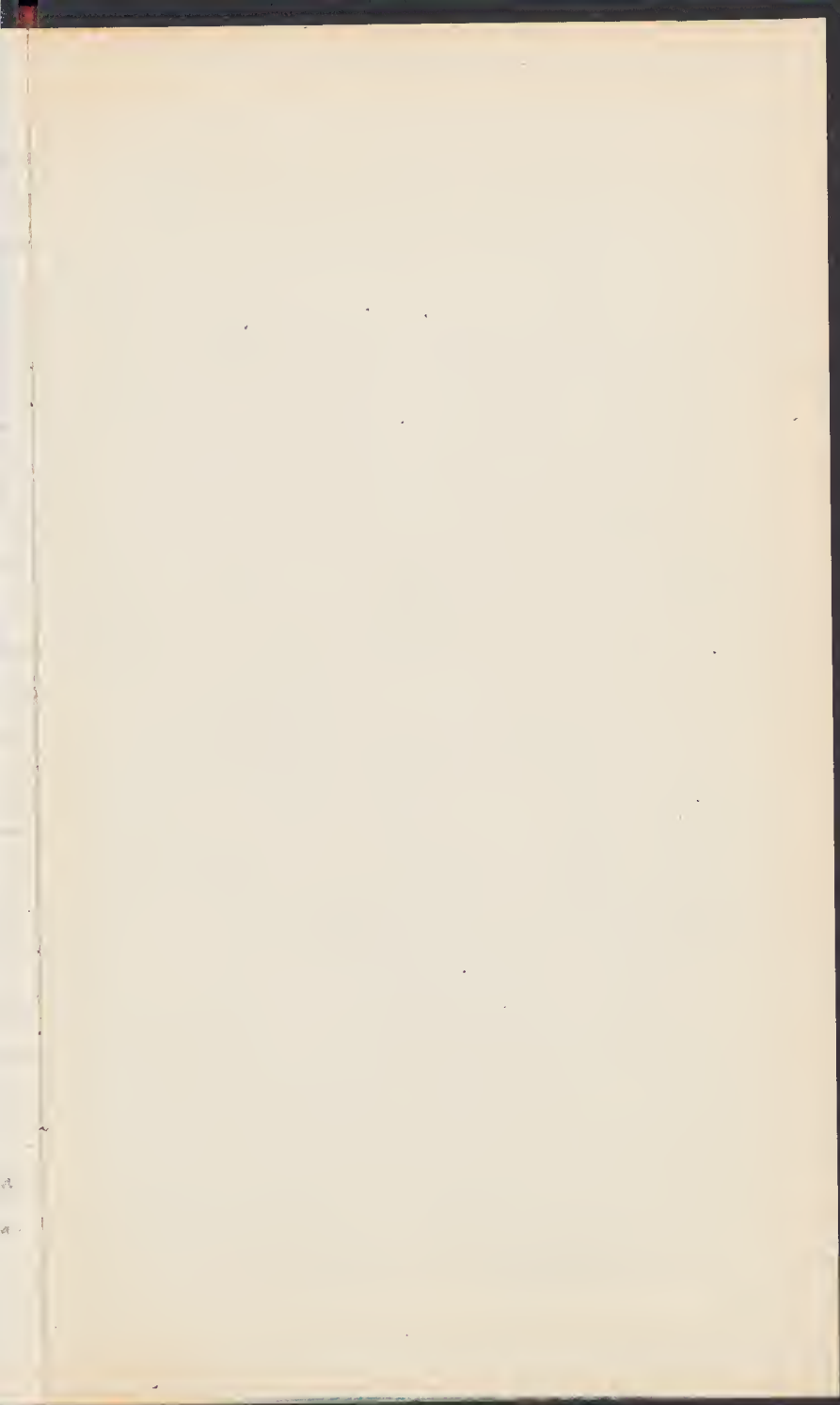
Barometer Reading in ~~Wash.~~ April 3rd

46.416

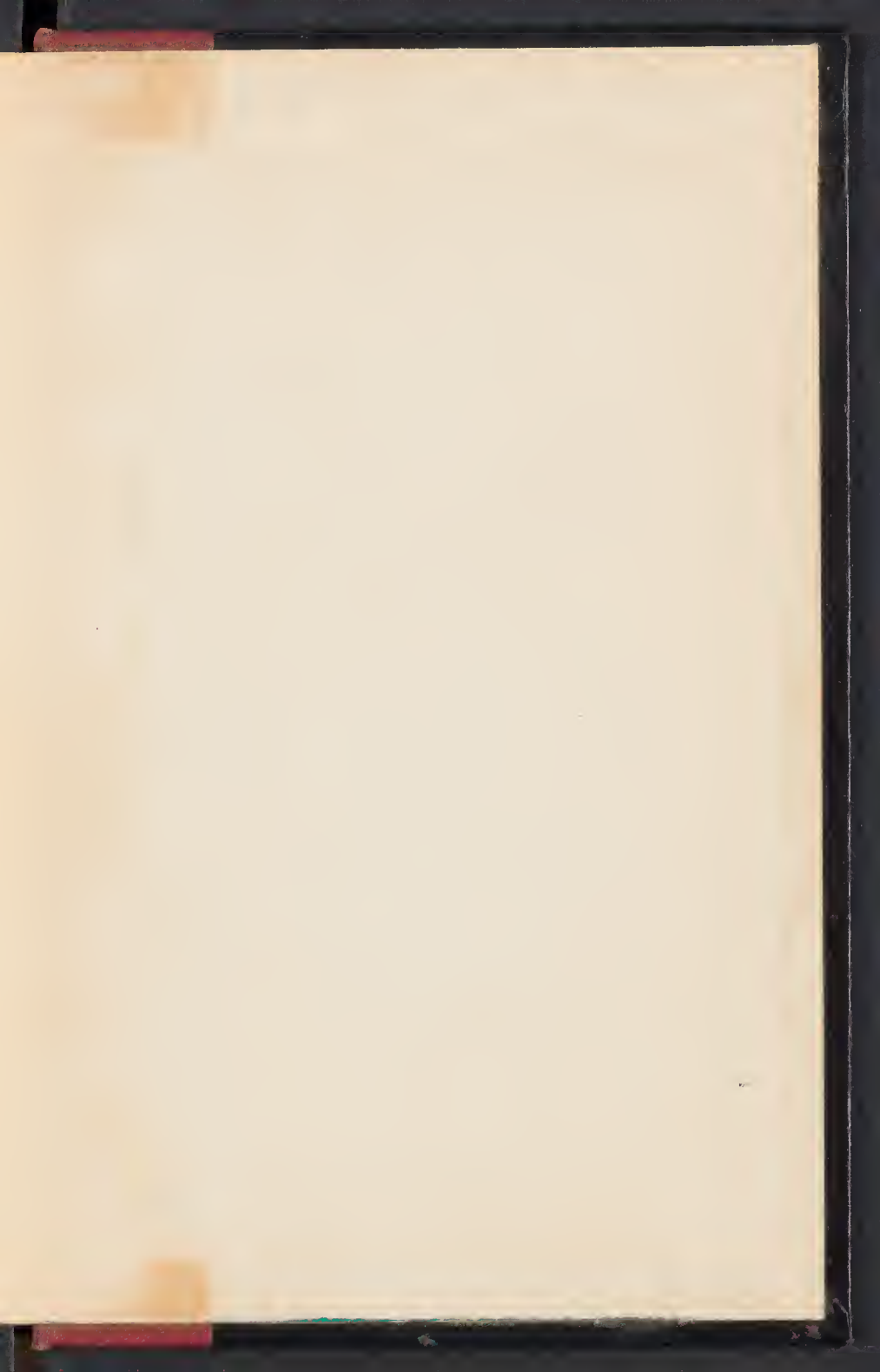
Speeds etc. Reading - Wellesley - March 27

39/03

<u>March</u>	<u>Miles</u>	<u>Cost</u>	
30	4.45	6.00	Fund Royal
31	4.10	5.50	Wellesley
April	4.60	6.00	Wellesley
2	4.25	6.00	Wellesley
3	4.85	6.00	Nashville
4	4.20	5.50	Nashville
5	5.00	5.00	Nashville
6	5.25	5.50	Nashville
7	4.20	5.00	Nashville
8	4.00	5.00	Nashville
9	4.00 4.80	6.00	Wellesley
10	4.20	5.00	Port Haven
11		1.35	postage
	4.50	5.00	Fitchburg
12	3.75	5.50	Dalton
13	4.65	5.00	Shelburne, Vt.
14	4.20	5.50	Shelburne, Vt.
15	4.60	5.00	Shelburne, Vt.
16	4.25	5.00	Shelburne, Vt.
17	4.30	5.00	Nashville
18	4.45	5.00	Tusculum, Ala.
19	4.10	6.00	Wellesley
20	5.00	5.00	Wellesley
21	4.65	6.00	Wellesley









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